

# Rocklin Unified School District

2615 Sierra Meadows Drive • Rocklin, CA 95677

Phone • (916) 624-2428 Ext 1306



**October 17, 2023**

**TO: All Bidders**

**PROJECT: Breen Elementary School Building E – Roofing Project**

**SUBJECT: Addendum #1**

The following changes, omissions, and additions will apply to the project, and to the proposal submissions, to the execution and completion of the project, and to the various parts of the work affected thereby, all other conditions shall remain the same.

Careful note of the addendum shall be taken by all parties of interest so the proper allowances may be made in strict accordance with the addendum, and that all contractors shall be fully advised in the performance of the work which will be required of them.

Bidder shall acknowledge receipt of the Addendum in the bid response.  
In the case of conflict this Addendum shall govern.

**Bid Questions Received:**

1. Scope of Work Exhibit A – Added to the scope of work. Item #13 addition of Dura-Blok, replacing existing wooden blocks with Dura-Blok for HVAC condensation drain lines estimate 12 total.
2. Exhibit B added Bid Bond Item 1.7 to Exhibit B, bid bond can be provided on a standard form if processed prior to District providing updated 1.7 schedule. **Please use updated bid schedule provided for bid submission.**

END OF ADDENDUM #1

Respectfully submitted.

***Mike Stemple***

Purchasing & Contracts Manager, Rocklin Unified School District

Attached  
Exhibit A- Scope of work  
Exhibit B – Bid Schedule

Addendum #1– Breen Roof Building E

# COOL-SIL™ SILICONE ROOF COATING RESTORATION (RCR) SYSTEM OVER MODIFIED BITUMEN OR SMOOTH SURFACE BUR

## Rocklin Unified School District

### Breen Elementary School Building E - Scope of Work

#### **Part 1. General Conditions**

##### **1.1 Description**

###### A. Scope of work

Provide all materials, labor and equipment required for the installation of the Cool-Sil™ RCR System over the existing modified bitumen or smooth surface built-up roof including all ancillary products.

###### B. Related Work & Repairs

1. Perform Moisture Survey
2. Repair All Sheet Metal Flashings Defects & transitions with Skirt Flashings
3. Remove all walking paths
4. (3 Course Repairs) to all wall seams and roof seams
5. Remove and Replace all louvers and replace same size vents
6. Remove Coping Caps inspect and seal, replace caps when project is complete
7. Remove and Replace scuppers reuse existing downspouts
8. Remove existing patches on curb Stops repair (3 Course Repairs )
9. Prime Roof with Cool-Sil Bleed Block Primer @ 1 gallon per 100 sq ft
10. Reinforce Seams with Grip Polyester Firm walls included
11. Flood Coat Cool-Sil @ 3 gallons per 100 sq ft
12. Work to include the entire rooftop & all walls and building sidewalk covers- contractor is responsible for calculations and measurements
13. **(Addendum One) add Rubber Dura-Blok Rooftop Support bases DBP (4"x 6" x 9.6") replacing existing HVAC wooden blocks for all condensation drain line's same locations or as required estimate 12 total.**

##### **1.2 Performance Requirements**

- A. Conform to applicable code for fire resistance ratings of roof system.
- B. Underwriters Laboratories, Inc. - UL 790: Class A Fire Hazard Classification.
- C. Factory Mutual (FM) – FM Standard 4470 approval
- D. All silicone products must be domestically produced. Products produced outside of the US will not be accepted.
- E. Coating manufacturer must produce its own product. Private labeled silicone coating products will not be accepted.

### **1.3 Submittals**

- A. Product Data: Product data on silicone coating, physical and chemical properties, preparation of substrate required, product limitations, and cautionary requirements.
- B. Safety Data *Sheets*(SDS)
- C. Manufacturer's Installation Instructions: Indicate installation requirements and procedures. D. Certificates:
  - 1. Product certificates signed by the manufacturer certifying material is in compliance with the specified performance characteristics and criteria, and physical requirements.
- E. Sample copy of PM warranty
- F. Final Inspection Report: Copy of roofing system manufacturer's inspection report of completed roofing installation.

### **1.4 Quality Assurance**

- A. Manufacturer:
  - 1. Company specializing in the manufacturing of the system specified in this Section. 2. A minimum of 10,000,000 square feet of a similar system installed.
- B. Installer:
  - 1. Installer must be a Certified Licensed Applicator (CLA) by the Manufacturer (5-years or more of commercial projects with manufacturer) providing the warranty, and is capable of receiving the specified warranty.
  - 2. The representative of the manufacturer must physically inspect and send progress reports a minimum of 3 (Three) day's per week.
  - 3. CLA to ensure all personnel are properly trained and have a full understanding of all OSHA safety requirements.
- C. Manufacturer Field Representative: Provide a qualified representative of the Manufacturer providing the warranty to monitor and periodically inspect the installation.

### **1.5 Delivery, Storage, and Handling**

- A. Deliver and store liquid materials and other products in their original unopened containers or packaging until ready for installation.
- B. Materials shall be clearly labeled with the manufacturer's name, product identification, safety information, and lot numbers.
- C. Store materials indoors whenever possible.
- D. Protect stored products from freezing.
- E. Comply with the manufacturer's instructions for handling and safety procedures.
- F. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

### **1.6 Environmental Requirements**

- A. Maintain logs of environmental conditions (temperature, humidity, and wind speed) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside of manufacturer's limits.
- B. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit roofing system to be installed according to manufacturer's written instructions and warranty

requirements.

C. Do not install Cool-Sil coating under the following conditions:

1. When ambient temperature is below 35° F.
2. At temperatures less than 5° above dew point.

## **1.7 Warranty**

A. Provide Manufacturer's (10 year) labor & material warranty covering leaks due to silicone material failure.

## **Part 2. Products**

### **2.1 Acceptable Products**

A. Polyester

1. The Garland Company: Grip Polyester Firm

B. Cleaners and Primers

1. The Garland Company: Cool-Sil Bleed Block Primer.

C. Single component Caulk Sealant

1. The Garland Company: Tuff Stuff™

D. Flashing Grade Sealant

1. Commercial Innovations, Inc.: Cool-Sil FG Flashing Grade Sealant

E. Reinforcing Fabric

The Garland Company.: Grip Polyester firm.

F. Silicone Coating

1. Commercial Innovations, Inc.: Cool-Sil HS Silicone Coating

### **2.2 Silicone Coating Materials**

A. Silicone base and top coat to be Cool-Sil HS Silicone Coating by Commercial Innovations, Inc. and complying with the following minimum properties:

1. Tensile Strength: ASTM D412, 247.
2. Elongation: ASTM D412, 237 percent minimum at break at 75° F.
3. Water Vapor Permeance: ASTM D-96, 10.7 at 20 mils.
4. Fire resistance: ASTM E108, UL 790 ClassA.
5. Color: Owner to select standard topcoat color.
6. Solids Content: 92%±3%
7. VOC Content: < 50grams/liter
8. Initial Solar Reflectivity:.89
9. Initial Thermal Emissivity:.90
10. SRI Value: 113

## **Part 3. Execution**

### **3.1 Examination**

Exhibit A – Scope of Work- Addendum One

- A. Verify roof slope prior to beginning installation. There is to be no single area of standing water on the roof 24 hours after a rain, greater than 100 sq. ft. and more than ½” deep.
- B. Identify all seam failures, flashings failures and inadequate sheet metal details.
- C. Inspect all roof drains to ensure proper performance.
- D. Inspect all roof system fasteners for back out.

### **3.2 Preparation**

#### **A. Membrane Cleaning:**

- 1. Thoroughly power wash roof surface and all other areas to receive new coating with a minimum of 2,000 psi water pressure. Be sure not to damage existing membrane during this process.
- 2. Any areas of grease contamination are to be cleaned with an industrial strength detergent.
- 3. Roof areas containing moisture below the roof surface shall either be replaced, or for areas less than 500 sq. ft. with moderate moisture content, a moisture relief vent shall be installed.

#### **a. Wet Insulation Replacement (wet area is greater than 500 sq. ft.)**

- 1) Remove roof system and wet insulation

### **3.3 Silicone Coating Installation**

- A. Ensure surface is completely dry.
- B. Ensure subsequent coats of primer or silicone coating is completely cured.
- C. Ensure adhesion tests have been completed and results are satisfactory with the manufacturer’s requirements.
- D. Install silicone coating in one or two passes over entire roof surface to achieve a final thickness of 30 to 35 mils.
- E. While spraying the silicone coating, special effort should be made to have pass lines overlap on membrane seams as to provide additional coating thickness on the seams.
- F. It is strongly recommended that the coating should be applied with a roller at all edges and penetrations to prevent overspray and provide a clean straight edge.

#### **G. NOTES**

- 1. Any subsequent membrane repairs after the coating installation should be done only with silicone products. Repairs should be completed with a three course coating and fabric if needed.
- 2. Over some asphalt based or EPDM based products, a slight bleed-through or “yellowing” may occur through the silicone coating. This is only a cosmetic issue and will not affect the performance of the system.

### **3.4 Field Quality Control**

- A. Final Roof Inspection: Arrange for roofing system manufacturer’s technical personnel to inspect roofing installation upon completion and submit report to Owner/Architect. There shall be no items on the roof that could inhibit the inspection process, such as, solar panels, decking systems, etc.

- 1. Notify Owner 48 hours in advance of date and time of inspection.

- a. Repair or remove and replace components of roofing system where inspection results indicate that they do not comply with specified requirements.

### 3.5 Cleaning

- A. Remove overspray from adjacent surfaces using cleaning agents and procedures recommended by manufacturer of affected construction.
- B. In areas where finished surfaces are soiled by work of this section, consult manufacturer of surfaces for cleaning advice and conform to their instructions.
- C. Repair or replace defaced or disfigured finishes caused by work of this section.

### 3.6 Protection of Finished Work

- A. Ensure roof surface is free of traffic for minimum of 12 hours after silicone coating application or until coating is completely cured.
- B. Ensure any subsequent work does not cause damage to finished roof system. If necessary, install protection over finished roof area.

### Detailed Photos



*Photo 1*

Building E has an aged built-up roofing system. The system is old but shows signs of life. There is a good slope, so no pouring water is left in the field of the roof, granule loss is to a minimum, and there are no exposed Felts from the Sheet on the surface.



*Photo 2*

The walk pads on the building are in poor condition. The corners on the pads have begun to pull away and are free-floating. Remove pads.



*Photo 3*

The walls on the built-up roofing system were a torch-based product rather than an adhesive-based product. You can tell the difference as there is no adhesive (bleed-out) on the membrane's seams.



*Photo 4*

Multiple of the leaks coming from the building have been tracked to the walls. As this product doesn't have an adhesive once the torch membrane failed it has caused mini loose lips in these locations. Three course in sealed correctly.



*Photo 5*

There are a few locations in the louvers of the building that had leak points tracked. Multiple of the louvers were sealed with a black mastic that has begun to do laminate and fail. Remove and replace same size.





*Photo 6*

The scuppers on the building have an outdated replaced. Reuse existing downspout



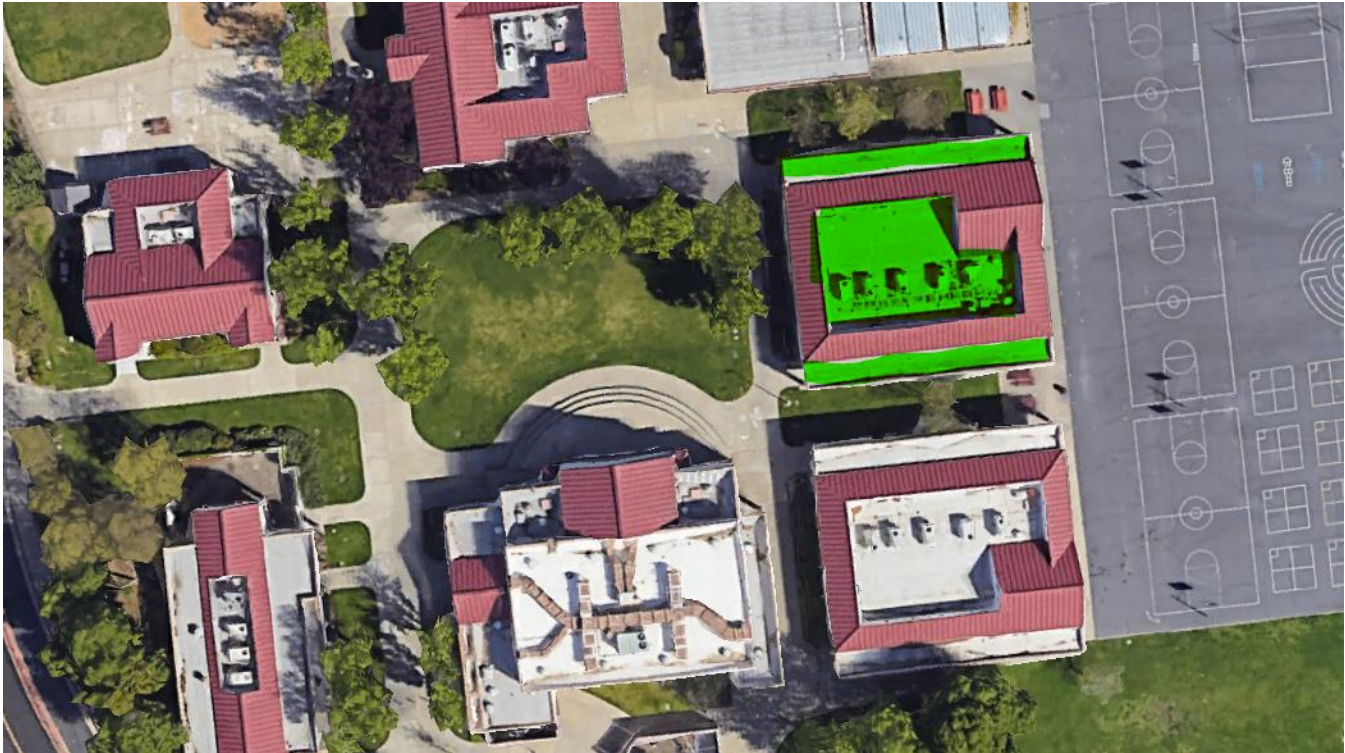
*Photo 7*

Transition points, such as this HVAC curb require 3 course repair.



**Breen Site detail - "Building E" (highlighted)**

**Address : 2751 Breen Drive, Rocklin, CA 95765**



# **EXHIBIT B - Bid Documents**

## **1.1 BID FORM**

### **ROCKLIN UNIFIED SCHOOL DISTRICT**

**Sealed Bids will be received at the Rocklin Unified School District Office located at 2615 Sierra Meadows Drive, Rocklin CA 95677, until 1:00 PM on October 23, 2023.**

#### **Project:**

#### **Breen Elementary School Building E – Roofing Project**

The undersigned proposes to furnish such labor, materials, applicable taxes, equipment, and services to perform and complete the project, as described, and in strict conformity with the drawing plans and documents contained herein.

This bid may be withdrawn at any time prior to the scheduled time for the opening of bids or any authorized postponement thereof.

A bidder shall not submit a bid unless the bidder's California contractor's license number appears clearly on the bid, the license expiration date and class are stated, and the bid contains a statement that the representations made therein are made under penalty of perjury. Any bid submitted by a contractor who is not licensed pursuant to Business and Professions Code section 7028.15 shall be considered nonresponsive and shall be rejected. Any bid not containing the above information may be considered nonresponsive and may be rejected.

Proof of Bidder's registration per Labor Code §1725.5 must be submitted with this bid form.

The undersigned declares under penalty of perjury under the laws of the State of California that the representations made in this bid are true and correct.

Print or Type Name: \_\_\_\_\_

Title: \_\_\_\_\_

Name of Company as Licensed in California: \_\_\_\_\_

Business Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

California Contractor License No.: \_\_\_\_\_

Class and Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

State of Incorporation, if Applicable: \_\_\_\_\_

CORPORATION:

Evidence of authority to bind corporation is attached.

Dated: \_\_\_\_\_, 2023

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (Name)  
\_\_\_\_\_ (Chairman, Pres., or Vice-Pres.)

## 1.2BID SCHEDULE

### Breen Elementary School Building E – Roofing Project

Item	Description	Total
1	Move in Price, Includes Bonds	
2	Lump Sum Restoration Price	
3	Subtotal Items 1-2	
4	Owners Contingency 10%	
	<b>Bid Total</b>	

The receipt of the following addenda to the specifications is acknowledged:

Addendum No. \_\_\_\_\_ Date \_\_\_\_\_ Addendum No. \_\_\_\_\_ Date \_\_\_\_\_

#### Notes

1. Total Bid price includes 10% Owners Contingency
2. Bid price valid through December 31, 2023

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

### 1.3 NONCOLLUSION DECLARATION

Rocklin Unified School District

#### **Breen Elementary School Building E – Roofing Project**

The undersigned declares:

I am the \_\_\_\_\_ of \_\_\_\_\_, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on \_\_\_\_\_, 2023, at \_\_\_\_\_ [city], \_\_\_\_\_ [state].

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

## 1.4 WORKERS' COMPENSATION CERTIFICATE

Labor Code Section 3700, in relevant part, provides:

"Every employer except the state shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in this state.

(b) By securing from the Director of Industrial Relations a certificate of consent to self-insure either as an individual employer or as one employer in a group of employers. Said certificate may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees, ... "

I am aware of the provisions of the Labor Code Section 3700 which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract. I shall supply the Owner with certificates of insurance evidencing that Workers' Compensation Insurance is in effect and providing that the Owner will receive thirty (30) days' notice of cancellation.

\_\_\_\_\_  
Name of Contractor

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Date

(In accordance with Article 5 (commencing at Section 1860], Chapter 1, Part 7, Division 2 of the Labor Code, the above certificate must be signed and filed with the awarding body prior to performing any work under the contract.)

## 1.5 CERTIFICATION REGARDING WORK HOURS AND SAFETY STANDARDS

*Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the*

*basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.*

The undersigned subcontractor certifies it will comply with the contract work hours and safety standards act:

- No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- In the event of any violation of the clause set forth in first paragraph of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States Department of Labor for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in first paragraph of this section, in the sum of \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in first paragraph of this section.
- The United States Department of Agriculture shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.
- The contractor or subcontractor shall insert in any subcontracts the clauses set forth in previous paragraphs of this section and also a clause requiring the subcontractors to include These clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in previous paragraphs of this section.



\_\_\_\_\_  
Name of Organization/Firm

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name and Title of Authorized Representative

### 1.6 EXPERIENCE QUALIFICATIONS

The Bidder has been engaged in the contracting business, under the present business name for \_\_\_\_ years. Experience in work of a nature similar to that covered in the Bid extends over a period of \_\_\_\_ years.

The Bidder, as a contractor, has never failed to satisfactorily complete a contract awarded to it, except as follows:

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The following contracts have been satisfactorily completed in the last three years for the persons, firm or entity indicated:

Year	Owner	Type of Work	Contract Amount

Executed on \_\_\_\_\_, at \_\_\_\_\_, \_\_\_\_\_

**BIDDER**

Company Name: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

**ROOF PROJECT CERTIFICATION**

(Public Contract Code Sections 3006(a) and (b))  
To Be Executed by Bidder and Submitted With Bid

I, \_\_\_\_\_ [name], \_\_\_\_\_ [name of employer], certify that I have not offered, given, or agreed to give, received, accepted, or agreed to accept, any gift, contribution, or any financial incentive whatsoever to or from any person in connection with the roof project contract. As used in this certification, "person" means any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals. Furthermore, I, \_\_\_\_\_ [name], \_\_\_\_\_ [name of employer], certify that I do not have, and throughout the duration of the contract, I will not have, any financial relationship in connection with the performance of this contract with any architect, engineer, roofing, consultant, materials manufacturer, distributor, or vendor that is not disclosed below.

I, \_\_\_\_\_ [name], \_\_\_\_\_ [name of employer], have the following financial relationships, with an architect, engineer, roofing consultant, materials manufacturer, distributor, or vendor, or other person in connection with the following roof project contract:

\_\_\_\_\_  
[name and address of building, contract date and number]

\_\_\_\_\_  
[name and address of building, contract date and number]

\_\_\_\_\_  
[name and address of building, contract date and number]

\_\_\_\_\_  
[name and address of building, contract date and number]

I certify that to the best of my knowledge, the contents of this disclosure are true, or are believed to be true.

\_\_\_\_\_ Signature \_\_\_\_\_ Date

\_\_\_\_\_ Print Name

\_\_\_\_\_ Print Name of Employer

## 1.7 BID BOND

KNOW ALL MEN BY THESE PRESENTS that we the undersigned \_\_\_\_\_ as Principal and \_\_\_\_\_ as Surety, are hereby held and firmly bound unto the Rocklin Unified School District "Owner" in the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_) for payment of which sum, well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

The condition of the above obligation is such that whereas the Principal has submitted to the Owner a certain bid, attached hereto and hereby made a part hereof, to enter into a Contract in writing for the construction of \_\_\_\_\_ in strict accordance with Contract Documents.

NOW, THEREFORE,

- a. If said bid shall be rejected, or, in the alternative;
- b. If said bid shall be accepted and the Principal shall execute and deliver a contract in the form of agreement attached hereto and shall execute and deliver Performance and Payment Bonds in the forms attached hereto (all properly completed in accordance with said bid), and shall in all other respects perform the agreement created by the acceptance of said bid;

Then this obligation shall be void, otherwise the same shall remain in full force and effect, it being expressly understood and agreed that the liability of the Surety for any and all default of the Principal hereunder shall be the amount of this obligation as herein stated.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract on the call for bids, or to the Work to be performed hereunder, or the specifications accompanying the same, shall in any way affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said Contract or the call for bids, or to the Work, or to the specifications.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under several seals this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, the name and corporate party being hereto affixed and these presents duly signed by its

undersigned representative, pursuant to authority of its governing body. In the presence of:

(Notary Seal)

\_\_\_\_\_  
(Principal)

\_\_\_\_\_  
(Business Address)

\_\_\_\_\_

\_\_\_\_\_  
(Corporate Surety)

\_\_\_\_\_  
Business Address)

By:\_\_\_\_\_

\_\_\_\_\_

The rate or premium of this bond is \_\_\_\_\_ per thousand, the total amount of premium charged, \$\_\_\_\_\_.

(The above must be filled in by Corporate Surety).